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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

 (Currently amended) A metallic glass alloy <u>having the ratio of elements</u> of the formula Hf₂Cu₈Ni₆Al₄Y₈ wherein:

Y comprises at least one element from Group IVA, IVB, VA, or VB;

- a is less than 45 atomic percent;
- b is from about 15 to about 35 atomic percent;
- c is from about 5 to about 25 atomic percent;
- d is from about 0 to about 20 atomic percent; and
- e is from about 0 to about 15 atomic percent, wherein a+b+c+d+e=100.
- (Previously presented) The metallic glass alloy of claim 1, wherein a is 44.5 atomic percent or less.
- (Previously presented) The metallic glass alloy of claim 2, wherein Y is Ti or Nb.
- (Previously presented) The metallic glass alloy of claim 1, further comprising a density greater than about 7 g/cm³.
- (Currently amended) The metallic glass alloy of claim 4, wherein the density is about 10.5 g/cm³ [or-more].
- (Currently amended) The metallic glass alloy of claim 1, wherein the alloy exhibits a
 distinct glass transition temperature, [which] that is at least 0.59 of the liquidus temperature of
 the alloy.

- (Previously presented) The metallic glass alloy of claim 1, wherein the ratio of Cu to Ni is 2:1.
- (Previously presented) The metallic glass alloy of claim 3, wherein the ratio of Cu to Ni is 2:1.
- (Previously presented) The metallic glass alloy of claim 3, having about 5 or more atomic percent Ti.
- 10. (Previously presented) The metallic glass alloy of claim 3, having about 5 or more atomic percent Nb.
- 11. (Previously presented) The metallic glass alloy of claim 1, wherein d is about 10 or more.
- 12. (Previously presented) The metallic glass alloy of claim 1, wherein 35<a<45, 0.1<d<20, and 0.1<e<15.
- 13. (Previously presented) An article comprising the metallic glass alloy of claim 1.
- 14. (Previously presented) The article of claim 13 having a thickness of at least 1 millimeter in its smallest dimension.
- 15. (Previously presented) The article of claim 13 having a thickness at least 3 millimeters in its smallest dimension.
- (Previously presented) A metallic glass alloy composition comprising:
 44.5 atomic percent hafnium:

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about 27 atomic percent copper; about 13.5 atomic percent nickel; about 10 atomic percent aluminum; and about 5 atomic percent titanium or niobium.

- (Previously presented) The composition of claim 16 having a density greater than 7 g/cm³.
- 18. (Previously presented) The composition of claim 16, having a density of about 10.9 g/cm³ or more.
- 19. (Previously presented) The composition of claim 16, wherein the composition exhibits a distinct glass transition temperature of at least 0.59 of the liquidus temperature of the composition.
- (Previously presented) An article comprising the metallic glass alloy of claim 16.
- (Previously presented) The article of claim 20 having a thickness of at least 1 millimeter in its smallest dimension.
- 22. (Previously presented) The article of claim 20 having a thickness of at least 3 millimeters in its smallest dimension.
- (Previously presented) The article of claim 20, wherein the ratio of copper to nickel is
 2:1.

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- 24. (Previously presented) The article of claim 20, wherein the metallic glass is at least partially amorphous.
- 25. (Previously presented) The article of claim 20, wherein the article has an elastic strain to failure between about 1.8 and 2.2 percent elongation.
- (Previously presented) The article of claim 20, wherein the object has a quasi-static compressive yield stress of between about 1.8 and 2.2 GPa.
- (Previously presented) The article of claim 20, wherein the object has a dynamic highstrain-rate yield stress of between about 1.3 and 1.6 GPa.
- 28. (Previously presented) A metallic glass alloy comprising Hf, Cu, and Ni in eutectic combination with Al, Ti, Nb or a combination thereof, having a density greater than about 7 g/cm³.
- (Previously presented) A method for forming a metallic glass alloy comprising: combining 44.5 atomic percent hafnium;

about 27 atomic percent copper;

about 13.5 atomic percent nickel:

about 10 atomic percent aluminum; and

about 5 atomic percent titanium or niobium.

- (Previously presented) The metallic glass alloy of claim 1, wherein the alloy is formed by electric arc melting.
- 31. (Previously presented) The metallic glass alloy of claim 1, wherein the alloy is formed by induction melting.

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- 32. (Previously presented) The article of claim 16, wherein the article is formed by vacuum suction casting.
- (Previously presented) The article of claim 16, wherein the article is formed by permanent mold casting, injection die casting, pour casting, planar flow casting, melt spinning, or extrusion.
- 34. (Currently amended) A method for making an alloy generally represented by the formula

 Hf_aCu_bNi_cAl_dY_c, Y includes at least one element selected from Group IV transition metal
 elements, wherein Hf is not equal to Y, Group VA, VIII, IVB, and VB, wherein

 a+b+c+d+e=100% (atomic percent), and a is less than 45, comprising:

eutectically combining Hf, Cu, and Ni with Al, Ti, Nb or a combination thereof, to form a metallic glass alloy having a density greater than about 7 g/cm³.

- 35. (Currently amended) An alloy according to Claim 34 comprising Hf. Cu, and Ni wherein preferably 35<a<45, 15<b<35, 5<c<25, 0<d<20, and 0<e<15 in an invariant combination.
- 36. (Previously presented) The alloy of Claim 35 in eutcetic combination with Al.
- (Previously presented) The alloy of Claim 36 in eutectic combination with Ti and Nb or a combination thereof.
- 38. (Previously presented) The alloy of Claim 35 in eutectic combination with an element from Group IVA or Group IVB.
- (Previously presented) The alloy of Claim 36 in euteetic combination with an element from Group IVA or Group IVB.